MISSOURI BOTANICAL GARDEN

Index Seminum 2021

4344 Shaw Boulevard, Saint Louis, MO 63110, United States of America

ebgconsortiumindexseminum2021, seminumsystem2021, seminumwild2021, indexseminum2021

GENERAL INFORMATION

Missouri Botanical Garden is pleased to offer its tenth annual *Index Seminum*. All seed is collected from naturally occurring populations. Species that are known weeds in disturbed areas in North America, known to be invasive to North America or other continents, and related species known to be invasive to North America or other continents have been excluded from the list. While we have made every effort to ensure that we are not distributing invasive or potentially invasive plants, selections should be made carefully with consideration of the environment in which the species will be grown.

We support the Convention on Biological Diversity. The seeds offered here are for the use of the common good in the areas of research and development of public gardens and plant collections. They should not be used for commercial profit. If publications result from the use of this material, we expect acknowledgement as the source of the material and an unsolicited reprint of any publication.

Missouri Botanical Garden is a member of the International Plant Exchange Network (IPEN). IPEN membership allows for exchange of plant material with other IPEN members without bilateral agreements. IPEN numbers are assigned to all plants that may be distributed. The IPEN number remains connected to the plant material and its derivatives through all generations to come. The IPEN number consists of the following:

1. Country of origin (two positions, abbreviation according to ISO 3166-1-alpha-2. "XX" is used for seeds of plants of non-wild origin).
2. Restrictions of transfer (one position, "1" if there exist a restriction, "0" if none).
3. Garden code, which can be found on the here.
4. Identification number (accession number of the specific garden. Example: 2004-149 or 03214, whatever the specific recording system of the gardens generates).

GEOGRAPHICAL DATA

Seeds listed below were collected from within four Natural Divisions within the state of Missouri: the Ozark Border Division (accessions from St. Louis, St. Charles, and Franklin Counties); the Glaciated Plains Division, located across Northern Missouri (accessions from Lewis, Lincoln, and Pike County); the Mississippi Lowlands located in the Missouri boot heal along the Mississippi River (accessions from Scott and Stoddard Counties); and the Ozark Highlands, located in south-central Missouri and northern Arkansas (all other accessions). In general, these four eco-regions are separated by the Missouri and Mississippi Rivers, which divide the rolling prairie lands of northern Missouri which were formed by glaciers, from the Ozark Plateau that was formed by uplift and erosion.

CLIMATE CONDITIONS IN ST. LOUIS (2010 - 2020)

Average annual precipitation	1132.6 mm	Mean July temperature	27.7 °C
Average annual snow	502.9 mm	Mean January temperature	0.2 °C
Average temperature	14.7 °C		

SEED SELECTIONS

Requests are limited to 10 items and must be submitted by July 1st, 2021. Please submit requests via e-mail to katherine.freeman@mobot.org or mail to: Missouri Botanical Garden, c/o Katherine Freeman/ Plant Records, 4344 Shaw Blvd., St. Louis, MO 63110, U.S.A.

Note that additional collection information on all index seminum offerings and on all other taxa represented in the Missouri Botanical Garden collection can be found online on the Living Collections Management System.

Non Index Seminum Plant Material Requests

Requests for plant material not offered on our index seminum are reviewed on a case-by-case basis and can be submitted at https://www.missouribotanicalgarden.org/gardens-gardening/our-garden/plant-records/plant-material-request.aspx. The Missouri Botanical Garden will provide assistance for most requests from researchers or fellow botanical gardens free of charge, as staff resources allow. The Garden reserves the right to deny access to plant material based on the restrictions placed on the material by the country of origin , owner, or specific permit conditions. Requests originating from foreign countries must be accompanied by the proper import permits and mailing labels for importation purposes. A fee will be charged to cover shipping and phytosanitary certificates for all international requests.

ASTERACEAE

01. Antennaria parlinii Fernald — IPEN US-0-MO-2017-1434

    Collected 04/27/2016, Franklin County, Missouri.

02. Rudbeckia fulgida Ait. — IPEN US-0-MO-2013-2335

    Collected 11/12/2013, Shannon County, Missouri.

03. Rudbeckia hirta L. — IPEN US-0-MO-2013-1583

    Collected 08/17/2013, Howell County, Missouri.

04. Rudbeckia missouriensis Engellm. — IPEN US-0-MO-2013-1696

    Collected 09/18/2013, Shannon County, Missouri.

05. Solidago nemoralis subsp. nemoralis — IPEN US-0-MO-2016-2060

    Collected 10/11/2016, Washington County, Missouri.

06. Solidago ptarmicoides (Torr. & A. Gray) B. Boivin — IPEN US-0-MO-2013-2331

    Collected 11/11/2013, Shannon County, Missouri.

07. Solidago riddellii Frank ex Riddell. IPEN US-0-MO-2013-2334

    Collected 11/12/2013, Shannon County, Missouri.

08. Solidago speciosa Nutt. — IPEN US-0-MO-2016-2128

    Collected 10/26/2016, Sullivan County, Missouri.

Rudbeckia fulgida

GENTIANACEAE

09. Sabatia angularis (L.) Pursh. — IPEN US-0-MO-2015-2082

Collected 08/31/2015, Franklin County, Missouri.

HYDRANGEACEAE

10. Hydrangea arborescens L. — IPEN US-0-MO-2013-2340

Collected 11/13/2013, Howell County, Missouri.

HYPERICACEAE

11. Hypericum punctatum Lam. — IPEN US-0-MO-2015-1877

Collected 11/05/2015, Lincoln County, Missouri.

LAMIACEAE

12. Monarda fistulosa L. — IPEN US-0-MO-2016-2062

Collected 10/19/2016, Pike County, Missouri.

13. Pycnanthemum albescens Torr. & A. Gray — IPEN US-0-MO-2017-2708

Collected 10/17/2017, Stoddard County, Missouri.

14. Pycnanthemum virginianum (L.) Dur. & Jackson — IPEN US-0-MO-2016-2066

Collected 10/19/2016, Pike County, Missouri.

MELASTOMATACEAE

15. Rhexia mariana var. mariana — IPEN US-0-MO-2017-2609

Collected 10/04/2017, Scott County, Missouri.

OROBANCHACEAE

16. Agalinis aspera Britton — IPEN US-0-MO-2019-1862

Collected 10/02/2019, Atchison County, Missouri.

PENTHORACEAE

17. Penthorum sedoides L. — IPEN US-0-MO-2016-2115

Collected 10/25/2016, Lewis County, Missouri.

PHRYMACEAE

18. Mimulus alatus Ait. — IPEN US-0-MO-2015-1756

Collected 10/29/2015, Washington County, Missouri.

19. Mimulus ringens L. — IPEN US-0-MO-2013-1072

Collected 10/25/2011, Crawford County, Missouri.

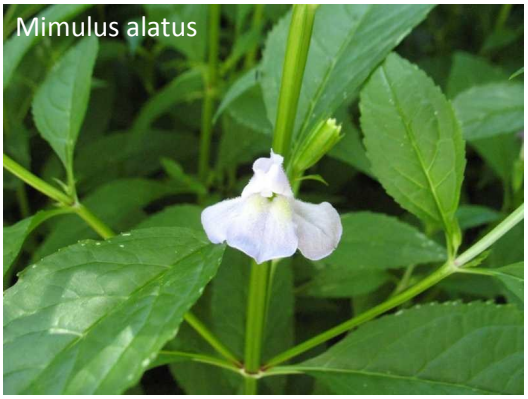
PLANTAGINACEAE

20. Penstemon digitalis Nutt. — IPEN US-0-MO-2013-1581

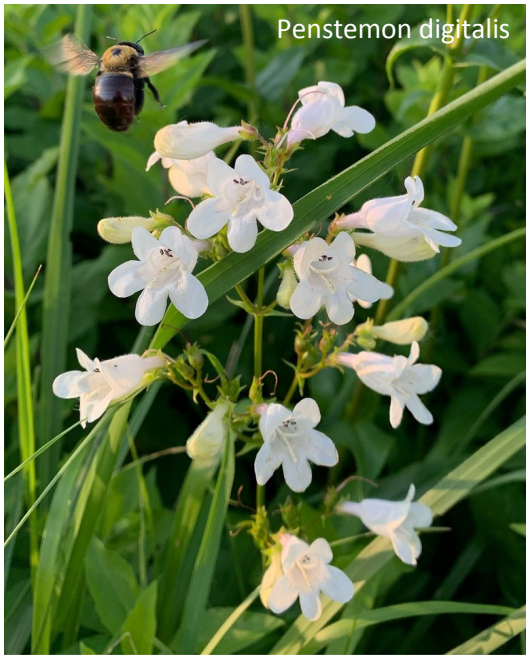
Collected 08/17/2013, Howell County, Missouri.

POACEAE

21. Eragrostis curtipedicellata Buckley — IPEN US-0-MO-2017-2522


Mimulus alatus

Mimulus ringens


Penstemon digitalis

Collected 09/22/2017, Taney County, Missouri.

22. Glyceria striata (Lam.) Hitchc. — IPEN US-0-MO-2016-1199

Collected 06/13/2016, Reynolds County, Missouri.

23. Tridens strictus (Nutt.) Nash — IPEN US-0-MO-2017-2751

Collected 10/18/2017, Stoddard County, Missouri.

RUBIACEAE

24. Stenaria nigricans (Lam.) Terrell — IPEN US-0-MO-2015-1388

Collected 08/11/2015, Washington County, Missouri.

SAURURACEAE

25. Saururus cernuus L. — IPEN US-0-MO-2017-2714

Collected 10/17/2017, Stoddard County, Missouri.

SCROPHULARIACEAE

26. Scrophularia marilandica L. — IPEN US-0-MO-2019-2326

Collected 10/29/2019, Lafayette County, Missouri.

Saururus cernuus

Rudbeckia missouriensis

Monarda fistulosa

Antennaria parlinii

Solidago speciosa

Solidago ptarmicoides

Sabatia angularis

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